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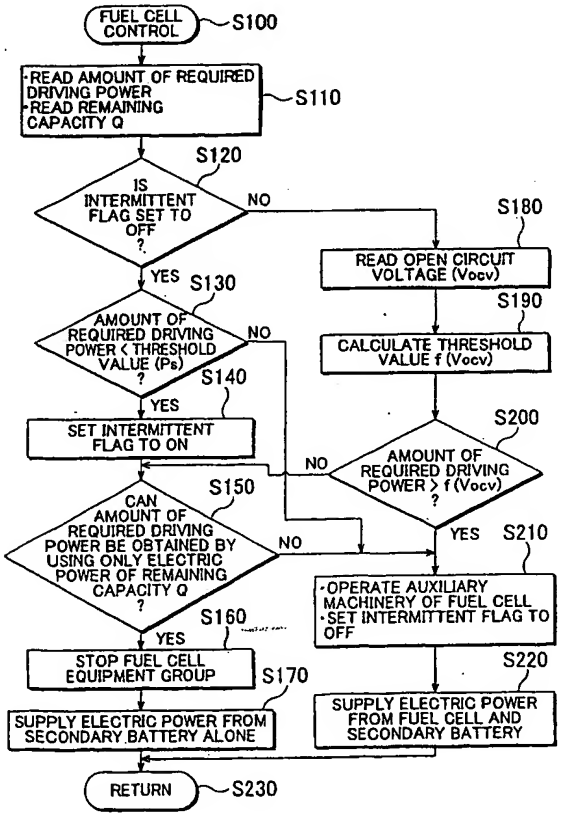
(54) Title: FUEL CELL SYSTEM AND ELECTRIC VEHICLE INCLUDING THE FUEL CELL SYSTEM



(57) Abstract: In a fuel cell system in which load electric power is supplied from a fuel cell (20) and a secondary battery (30), intermittent operation is performed, that is, operation of the fuel cell (20) is stopped and the load electric power is supplied from the secondary battery (30) in a low load region. At this time, a threshold value for stopping and starting the operation of the fuel cell (20) is adjusted according to open circuit voltage (OCV) (step S180 to step S200). Thus, it is possible to prevent fuel from being unnecessarily consumed in order to maintain the open circuit voltage at a predetermined value when the operation of the fuel cell (20) is restarted after the open circuit voltage (OCV) has decreased in the fuel cell (20) that has stopped generating electric power.

WO 2005/018979 A1

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